

Al-Dhahir 1

IN THE UNITED STATES  
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**Patent Application**

|             |   |                |             |
|-------------|---|----------------|-------------|
| Inventor(s) | Naofal Al-Dhahir<br>Ali H Sayed                                   | Case Name      | Al-Dhahir 1 |
| Filing Date | 9/28/00   | Serial No.     | 09/671,638  |
| Examiner    |   | Group Art Unit |             |
| Title       | Finite-Length Equalization Over Multi-Input Multi-Output Channels |                |             |

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WASHINGTON, D.C. 20231  
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**PETITION PURSUANT TO 37 CFR 1.48(a)**

This is a petition to correct the inventorship for the above-referenced patent application.

The Declaration filed in the above-referenced application inadvertently, and without deceptive intent, asserted a sole inventorship rather than including Ali H. Sayed as a joint inventor.

Please add the following previously unnamed person as an inventor of this application:

**Ali H. Sayed, of Los Angeles, CA.**

Attached are:

- (a) a statement of facts verified by the previously named inventor that the error in inventorship occurred without deceptive intention on his part,
- (b) a Declaration by inventor **Ali H. Sayed**, and
- (c) Consent of Assignee.

Duplicate copies of this petition are enclosed.

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Please address all correspondence to Mr. Henry Brendzel, PO Box 574,  
Springfield, NJ 07081.

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Respectfully,  
Naofal Al-Dhahir  
Ali H Sayed

Dated: 11/2/00

By Henry Brendzel  
Henry T. Brendzel  
Reg. No. 26,844  
Phone (973) 467-2025  
Fax (973) 467-6589  
email [brendzel@home.com](mailto:brendzel@home.com)

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STATEMENT PURSUANT TO 37 CFR 1.48(a)

This aims to satisfy the requirement of 37 CFR 1.48(a)(1) for a statement by the original named inventor, establishing when and how the error occurred that resulted in the omission of inventor Ali H Sayed.

By letter dated September 20, 2000, my attorney sent me the final draft of the application to be filed, together with the Declaration, Power of Attorney, and Assignment.

Because of a clerical error in populating the attorney's database, the name of inventor Ali H Syed was missing.

Accordingly, the software that produced the Declaration that I received included only my name, and was couched in terms of a "sole inventor Declaration".

I did not consciously notice the error. Consequently, I signed the Declaration on September 25, 2000, sent it to my attorney, and my attorney filed the application on September 28, 2000.

On that very same day, I realized that an error occurred in the Declaration, and send an email to my attorney, stating:

"It just occurred to me that I don't recall seeing the second inventor name (Prof. Ali Sayed from UCLA) and info on the application papers."

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Unfortunately, it was too late, because the application was filed earlier in the day, before my attorney read the email.

The error in the database that caused the inadvertent failure to name Prof. Sayed as a co-inventor was completely without deceptive intent.

Dated: 11/3/2000

Respectfully,  
Naofal Al-Dhahir

N. A. W. Al-Dhahir

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IN THE UNITED STATES  
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Declaration and Power of Attorney

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As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am an original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled **Finite-Length Equalization Over Multi-Input Multi-Output Channels** the specification of which was filed on 10/8/99, as application Serial No. 60/158714.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by an amendment, if any, specifically referred to in this oath or declaration.

I acknowledge the duty to disclose all information known to me, which is material to patentability as defined in Title 37, Code of Federal Regulations, 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, 109 of any foreign application(s) for patent or inventors' certificate listed below and have also identified below any foreign application for patent or inventors' certificate having a filing date before that of the application on which priority is claimed:

I hereby claim the benefit under Title 35, United States Code, 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, 112, we acknowledge the duty to disclose all information known to us to be material to patentability as defined in Title 37, Code of Federal Regulations, 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

Provisional Application No. 60/158,714, filed October 8, 1999

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

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I hereby appoint the following attorney(s) with full power of substitution and revocation, to prosecute said application, to make alterations and amendments therein, to receive the patent, and to transact all business in the Patent and Trademark Office connected therewith:

|                     |                  |                      |                  |
|---------------------|------------------|----------------------|------------------|
| Samuel H. Dworetsky | (Reg. No. 27873) | Thomas A. Restaino   | (Reg. No. 33444) |
| Michele L. Conover  | (Reg. No. 34962) | Cedric G. DeLaCruz   | (Reg. No. 36498) |
| Rohini K. Garg      | (Reg. No. 45272) | Thomas M. Isaacson   | (Reg. No. 44166) |
| Benjamin S. Lee     | (Reg. No. 42787) | Robert B. Levy       | (Reg. No. 28234) |
| Susan E. McGahan    | (Reg. No. 35948) | Gary H. Monka        | (Reg. No. 35290) |
| Jeffrey M. Navon    | (Reg. No. 32711) | Stephen K. Pentlicki | (Reg. No. 40125) |
| Alfred G. Steinmetz | (Reg. No. 22971) |                      |                  |

I also appoint the following as associate attorney(s), with full power to prosecute said application, to make alternations and amendments therein, and to transact all business in the Patent and Trademark Office connected therewith:

Henry T. Brendzel (Reg. No. 26,844)  
William Ryan (Reg. No. 26,844)

Please address all correspondence to Henry T. Brendzel, P.O. Box 574, Springfield, NJ 07081. Telephone calls should be made to Henry T. Brendzel at (973) 467-2025.

Full name of joint inventor: Naofal Al-Dhahir

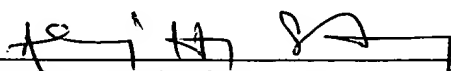
Inventor's signature \_\_\_\_\_ Date \_\_\_\_\_

Residence: Morristown, Morris County, NJ

Citizenship: Iraq

Post Office Address: 105 Harter Road  
Morristown, NJ 07960

Full name of joint inventor: Ali H Sayed

Inventor's signature  Date Oct. 19, 2000

Residence: Los Angeles, Los Angeles County, CA

Citizenship: Brazil

Post Office Address: 10811 Ashton Avenue, Apt. 313  
Los Angeles, CA 90024